ONLINE HOUSEHOLD SERVICES

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Abstract-. This website will help the customers to book household Service online. Online Booking is an e-commerce web application which allows viewing various services available for registered users to book. A House service permits a customer to submit online orders for Services. This online system presents an online display of all the services they provide. This web based application helps customers to choose their services and add that services to their cart. Customers provides their complete detail of address and contact and they get their chosen services in their home. This Web application saves lots of time of customers. This application will be designed with the help of PHP, MySQL, PHPFRAMEWORK as back-end and Html, CSS & Bootstrap, and the expected outcome for this project is that the customer can order cloths and accessories from home. A System that provides variety of services like plumbers, movers and packers, repair persons, cleaners, electricians, painters, taxi service laundry and many more. To make it comfortable for all the users our system also provides a mobile environment which offers ease in accessing our services. It is important to manage both professional and family life. In such circumstances, every one of us would have fantasized about a kind of house which doesn't have any leaks in pipes, if it doesn't have any mess in fixing a furniture and a kind of house which never face any maintenance issues and every one of us have thought that a life would be much better if no point of issue arises in getting a service at your door step and if there is no mess in bargaining a labor for home service.
Index Term: HTML; CSS; JavaScript; Bootstrap; PHP; UI; Web Application.

I. INTRODUCTION

This project is a web based service booking system for house doorstep. The central concept of the application is to allow the customer to book services virtually using the Internet. Online shopping or e-commerce is the fastest gaining ground meaning it has become more popular for business. More and more business houses are implementing web sites providing functionality for performing business over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace. Online household services is a form of electronic commerce which allows consumers to directly buy goods from a seller over the internet using a web browser. It is a business to consumer e-commerce. Online customers must have access to the Internet. The WEB BASED ONLINE HOUSEHOLD SERVICES PROVIDING WEBSITE project focuses on basic operations like adding new product, new member and updating new information, searching of products etc. This system has three main modules. Insertion to database module -user friendly input screen extracting from database module-Attractive output screen Search facility system –search for items

Online Household Services is a web application which is used for booking services the main goal of our web application is to provide an easy way of services in doorstep. These web application contains many pages in home page where we have provided the user with various sections for the user to use it easily. There is also a section in the webpage where user can contact us through the information provided at the bottom of the home page. The user can select the goods they want and add them in there cart after that the user can select the cart in which all the selected good by the user will be stored and they can select the quantity of the of good like how much they want to buy and after that they need to log in to their account else they won't be able to book services. After they have logged in to their account they can proceed to book the services and enter the delivery address where the services provider will reach. After that they can

choose the payment method. After that order is placed the Admin will proceed with their order as soon as possible The client can book their favorite property online with just a few clicks and they can also directly talk to the owner with details provided at their end. A House rental is a house that can be used temporarily for a period of time with a fee. Renting a house assists people to live in a comfortable house when they do not have access to build their own personal homes/houses or. The individual who want to rest a house/room/apartment/home must first contact the house rental company for the desire House/Home/apartment. When someone need aid with small but major household tasks, the trouble arises when service skilled persons are unavailable or the trusted providers are impossible to find, who delivers consistently flawless service on instance. Our online system for household services provides the most expedient and annoys free way to get your domestic work done. We aim to help in providing optimal solutions to all your household troubles with more efficiency, ease and majorly, a delicate touch.

II. RELATED WORK

Currently most house renting procedure is done on paper. Once customers find a vacant house, they can call or email landlord asking about size and rent for house. The landlord can email them back and giving them details about the house they are requesting.

House rental systems streamline the process of renting residential properties, providing platforms for landlords to list their properties and for tenants to search and apply for rentals online. These systems typically include features such as property listings, tenant screening, lease management, rent payment processing, and communication tools for landlords and tenants. They aim to simplify and automate various aspects of the rental process to make it more efficient and convenient for both parties involved.

A house renting and buying system serves as a digital platform that facilitates the process of finding, evaluating, and securing residential properties. This comprehensive system typically integrates features for both prospective tenants and buyers. Users can search for properties based on specific criteria such as location, size, amenities, and budget. Advanced search filters help narrow down options to match individual preferences. The system provides detailed property listings with images, floor plans, and descriptions, aiding users in making informed decisions.

For those looking to rent, the platform often includes features for lease agreement management, rent payment processing, and communication with landlords. On the other hand, prospective buyers can access mortgage calculators, virtual property tours, and information about the local real estate market. The system streamlines the transaction process by incorporating secure payment gateways, document signing functionalities, and a centralized platform for negotiations between parties by incorporating secure payment gateways, document signing functionalities, and a centralized platform for negotiations between parties. Overall, a house renting and buying system leverages technology to simplify and enhance the property search and acquisition process, offering a user-friendly experience for individuals navigating the competitive real estate landscape.

III. PROPOSED WORK

Flow diagram is a graphic representation of the physical route or flow of people, materials, paper works, vehicles, or communication associated with a process, procedure plan, or investigation. In the second definition the meaning is limited to the representation of the physical route or flow. Here the user ask permission to login and after login the user can search or view product, and the products to cart as well as view the items in cart and proceed to payment and confirm their order. Given below is the flow diagram of User. Other details are manipulated by Admin like id verification. After all renter and land lord can make conversation and deal. This whole process also includes managing of house for rent and also deals with security and legally. The Proposed system involves three actors which include a Admin, Service provider, and a Customer. Admin has the beginner rights to access and modify the website where

he/she needs to login to do so. Then next to admin comes the customer who wants avail our services should precede with the registration and login process. At last a service provider who is the one who provides a service, where they should also go with the registration and login process and they should proceed with files uploaded and once the service is confirmed they are intimated to provide the service and when done after service if the customer is unsatisfied with it based on the customers review if required they should provide the re-service.

- Flow Diagram for user
Flow diagram is a graphic representation of the physical route or flow of people, materials, paper works, vehicles, or communication associated with a process, procedure plan, or investigation. In the second definition the meaning is limited to the representation of the physical route or flow.   Here the user ask permission to login and after login the user can search or view product, and the products to as well as view the items in cart and proceed to payment and confirm their order. Given below is the flow diagram of User.
- Flow Diagram for Admin

    Now we have flow diagram of admin where admin request to login and after getting the response the admin can add the product, Edit Product, Delete Product, Produce the list of products and see the order List. Given below is the flow diagram for admin **.**
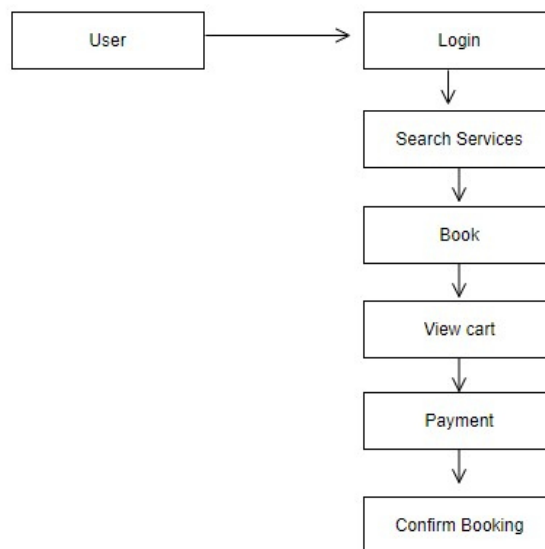

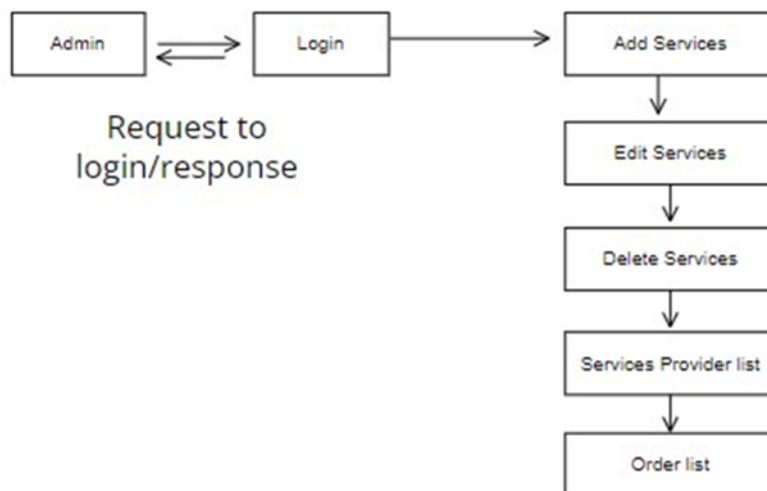**Fig.1.0 Flow Diagram for User**

Fig 1. 1 Flow Diagram of Admin

III. RESEARCH METHODOLOGY

The Proposed system involves three actors which include a Admin, Service provider, and a Customer. Admin has the beginner rights to access and modify the website where he/she needs to login to do so. Then next to admin comes the customer who wants avail our services should precede with the registration and login process. If required a customer can upload a file that describes about the services. Once the request has been done then he can forward it to payment process and to confirm service after the service has been done a customer can rate the service. And in worst case if the customer is not satisfied with the service they can move with the return policy process. At last a service provider who is the one who provides a service, where they should also go with the registration and login process and they should proceed with files uploaded and once the service is confirmed they are intimated to provide the service and when done after service if the customer is unsatisfied with it based on the customers review if required they should provide the re-service. An extremely important area which is the back-bone for any research as it provides the entire information pertaining to the problem and objectives. Reviews consisting to antecedents of the App pertaining to the trust of customer and the digital mode of retention of flow in digital era service quality, customer trust, satisfaction, and commitment in Digital mediating to customer retention. Our system uses algorithm for collecting data which will collect the data of user and we have data analyzing algorithm which will analyses and highlight the needs of user.

IV. RESULT ANALYSIS

- The project outcome is that we developed a web application that makes it convenient for both factions to find housing as their liking.
- A virtual system for house owners for their rental purpose property where they can easily find tenants and vice versa also with the pre-determined agreement.
- Sorted graphical locations of houses including maps around it are easy for tenants to find a place in a specific locality.
- The main aim is to develop a virtual platform for peoples to find a perfect match for their liking.

RESULTS

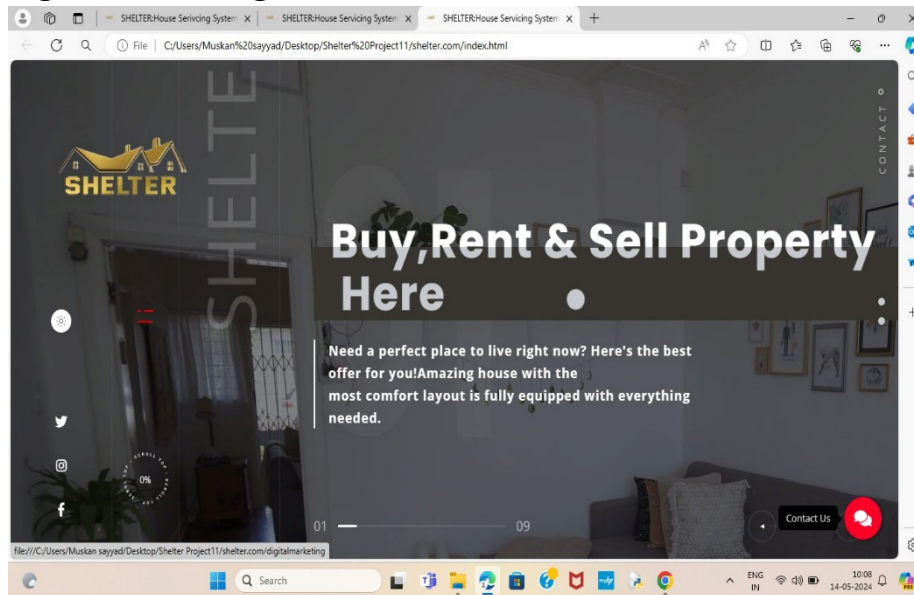### Figure1:-HomePage of "Online House Hold Service"

Fig:HomePage of "Online House Hold Service"

Discover your dream home with our extensive listings of properties, ranging from cozy apartments to spacious family homes, meticulously curated to suit every lifestyle and budget.
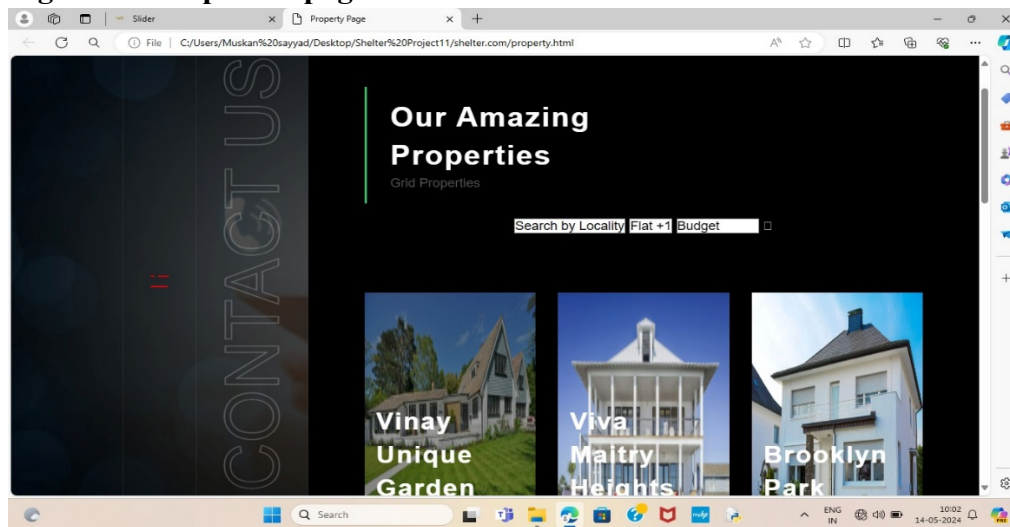
Figure 2:- Properties page

Figure 2:- Properties page

Filter listings by location, price range, amenities, and more to easily find the perfect property that aligns with your lifestyle and investment goals, while enjoying detailed descriptions, high-quality images,and virtual tours for a comprehensive viewing experience.
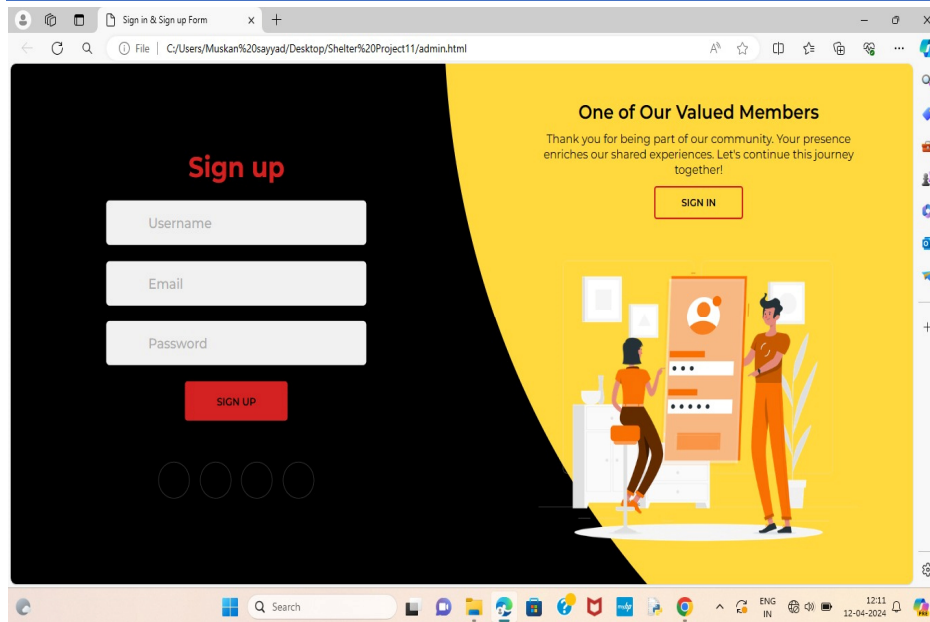
Fig 3:Sign up page

Fig 3:Sign up page

Join our community of home seekers, sellers, and agents by creating your personalized account on our sign up page, where you can unlock exclusive access to premium features and personalized recommendations..

V. DISCUSSION

The House Servicing System project aims to create an efficient, user-friendly platform for managing various household services. This system is designed to streamline the process of scheduling, tracking, and managing domestic services such as cleaning, maintenance, repairs, and other related tasks. Below is a detailed discussion on various aspects of the project.

The primary objectives of the House Servicing System are:

1. **Simplification**: To simplify the process of booking and managing household services.
2. **Automation**: To automate routine tasks such as scheduling, reminders, and notifications.
3. **Accessibility**: To provide an accessible interface for users of all technical backgrounds.
4. **Efficiency**: To improve the overall efficiency of service delivery and management.

Key Features

1. **User Registration and Authentication**: Secure login and user profile management.
2. **Service Catalog**: A comprehensive list of available household services with detailed descriptions and pricing.
3. **Booking and Scheduling**: Easy scheduling of services with options to select dates, times, and service providers.
4. **Notifications and Reminders**: Automated reminders for upcoming services and notifications for service updates.
5. **Payment Integration**: Secure payment gateway integration for hassle-free transactions.
6. **Feedback System**: Allowing users to rate and review services, helping maintain high service quality.

VII. CONCLUSION

This House Servicing System is a web application that is made by using HTML, CSS, JS, PHP, and MySQL. All of this was developed in visual studio code by Microsoft. Our l house software is a very convenient and user friendly software and it provides its users with various new features for enhancing their experience.

The user will enter into our website and first he has to log-in or sign-up with their credentials and then they will be directed to our webpage where they will have to select the region in which they want to rent, buy and sell also a house and then after that they will be shown all the available properties in that specific area, from there they can select the house that meet their demands. This software will enhance the owner relationship and will aim at making customers' lives easier.

To reduce burden in finding in-house solutions for the services, the proposed system provides several services by providing service specialists at your doorstep in one click.

A systematic mobile environment to system clients offers ease in accessing our services in a more comfortable way.

With well qualified and background demonstrated professionals we make all your home cleaning, plumbing, furniture maintenance, electrical works, appliance repair, house painting, vehicle service and many other services to be done in a click anytime from anywhere as easy as available.

The system can have prolonged by adding the services such as mobile and computer repair, laundry services, catering services and many more. The discussion payment methods our system has, for example currently system has online payment by only MasterCard users further it can be extended by adding the payment services for visa users also.

For example, the current system provides the following services such as home painting, home cleaning, packers and movers, plumber repair and service further the system can be extended as per the requirements of the user.

VI. FUTURE SCOPE

The online household services application provides some of the home services which are most frequently used. This system accommodates the changing needs of the end user. The overall system can be designed so that its capacity can be increased in response to the further requirements for which the application provides an appropriate service overseas. Further this application can be prolonged by merely adding up the required services and additional payment systems. For example, the current system provides the following services such as home painting, home cleaning, packers and movers, plumber repair and service further the system can be extended as per the requirements of the user. The system can have prolonged by adding the services such as mobile and computer repair, laundry services, catering services and many more. The discussion payment methods our system has, for example currently system has online payment by only MasterCard users further it can be extended by adding the payment services for visa users also.

VII. REFERENCES

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